



US005665757A

United States Patent [19]

Dunn et al.

[11] Patent Number: 5,665,757

[45] Date of Patent: Sep. 9, 1997

[54] METHOD FOR TREATING ANXIETY

[75] Inventors: Robert W. Dunn, P.O. Box 894, Old Lyme, Conn. 06371; Suzanne La Marca, Cliffwood Beach, N.J.

[73] Assignee: Robert W. Dunn, Warren, N.J.

[21] Appl. No.: 274,596

[22] Filed: Jul. 13, 1994

[51] Int. Cl.⁶ A61K 31/415[52] U.S. Cl. 514/403; 514/405; 514/551;
514/564[58] Field of Search 514/405, 551,
514/403, 564

[56] References Cited

U.S. PATENT DOCUMENTS

5,216,025	6/1993	Gross et al.	514/565
5,246,970	9/1993	Williamson et al.	514/632
5,246,971	9/1993	Williamson et al.	514/634
5,286,739	2/1994	Killbourn et al.	514/400

OTHER PUBLICATIONS

- Haefely, *Eur. Neuropsychopharmacol.*, vol. 1, 89-95 (1991).
Perregaard et al., *Curr. Opin. Ther. Pat.*, vol. 3, 101-128 (1993).
Rees et al., *Br. J. Pharmacol.*, vol. 101, pp. 746-752 (1990).
Moore et al., *Br. J. Pharmacol.*, vol. 110, pp. 219-224 (1993).
Moore et al., *Br. J. Pharmacol.*, vol. 108, pp. 296-297 (1993).

Lowenstein et al., *Cell*, vol. 70, pp. 705-707 (1992).Meller et al., *Pain*, vol. 52, pp. 127-136 (1993).Feldman et al., *C&EN*, pp. 26-38 (Dec. 1993).Feldman et al. *Chemtracts—Organic Chemistry*, 5 pp. 217-221 (1992).

Life Sciences, vol. 51, No. 25, Quock et al., "Possible Involvement of Nitric Oxide in Chlordiazepoxide-Induced Anxiolysis in Mice", 1992, pp. PL-255-260.

Pharmacology Biochemistry and Behavior, vol. 48, No. 3, Caton et al., "Involvement of Nitric Oxide in Nitrous Oxide Anxiolysis in Elevated Plus-Maze", 1994, pp. 689-692.

Perregaard et al., "Recent Developments in Anxiolytics", Jan. 1993, *Curr. Opin. Ther. Pat.*, vol. 3, pp. 111-112.Rees et al., "Characterization of Three Inhibitors of Endothelial Nitric Oxide Synthase in Vitro and in Vivo", 1990, *Br. J. Pharmacol.*, 101 pp. 746-751.Moore et al., "Characterization of the Novel Nitric Oxide Synthase Inhibitor 7-nitro Indazole and Related Indazoles: Antinoceptive and Cardiovascular Effects", *Br. J. Pharmacol.* vol. 110 pp. 219-224.

Primary Examiner—Gary Geist

Assistant Examiner—Rosalynd Williams

Attorney, Agent, or Firm—Watov & Kipnes, P.C.

[57] ABSTRACT

A method of treating anxiety in a warm blooded animal by administering an anti-anxiety effective amount of a nitric oxide synthase inhibitor, and compositions containing the same.

6 Claims, No Drawings